

CLAIMS

1. An electron-emitting woven fabric comprising:
first linear bodies having a conductive layer covered with
an insulating layer; and second linear bodies formed of a
conductive material, the first linear bodies and the second
linear bodies being crossed.
2. The electron-emitting woven fabric according to
claim 1, wherein a carbonaceous material is provided on a
surface of cross parts of the second linear bodies crossing
the first linear bodies at lifted portions and/or sunk
portions of the first linear bodies.
3. The electron-emitting woven fabric according to
claim 2, wherein the carbonaceous material is one or more
selected from a group consisting of a carbon nanotube,
diamond-like carbon and fullerenes.
4. The electron-emitting woven fabric according to
one of claims 1 to 3, wherein the conductive layer
comprises a conductive polymer.
5. The electron-emitting woven fabric according to
claim 4, wherein the fullerenes are added in the conductive
polymer.

6. The electron-emitting woven fabric according to one of claims 1 to 5, wherein a diameter of each of the first linear body and the second linear body is not greater than 1 mm.

7. The electron-emitting woven fabric according to claim 6, wherein the diameter of the second linear body is $1/2$ or below of the diameter of the first linear body.

8. A display device comprising: an electron-emitting woven fabric defined in one of claims 1 to 7; and a light-emitting portion provided to face an electron-emitting direction of the woven fabric.